

DATE: 2023-10-24

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3774

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	0.9994	0.9997	0.9990
10.00	1.0000	1.0000	1.0000
20.00	1.0012	1.0005	1.0022
30.00	1.0019	1.0005	1.0039
40.00	1.0018	0.9999	1.0046
50.00	1.0008	0.9988	1.0043
60.00	0.9993	0.9974	1.0034
70.00	0.9976	0.9962	1.0023
80.00	0.9958	0.9955	1.0012
90.00	0.9945	0.9958	1.0007
100.00	0.9939	0.9975	1.0010
120.00	0.9964	1.0066	1.0060
140.00	1.0067	1.0254	1.0198
160.00	1.0231	1.0482	1.0405

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.12%	1.52%	0.64%

* g = 9.80 m/s²

Rev J (2022-05)